



NATIONAL
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr. Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: The State received very little rain this week, with totals of 0.46 inches statewide, 0.53 inches below normal. Temperatures averaged 75 degrees, 0 degrees from normal, and 2 degrees warmer than the previous week. Temperatures did get hot enough to put livestock heat stress in the danger category in the afternoon on several days. **Topsoil moisture** was rated 8 percent short, 78 percent adequate and 14 percent surplus. **Subsoil moisture** was rated 5 percent short, 83 percent adequate, and 12 percent surplus. Days suitable for fieldwork averaged 4.9 out of a possible 7. Major farming activities included planting double cropped soybeans, cutting hay, and harvesting wheat.

ROW CROPS: **Corn** tasseling was 28 percent complete as of Sunday July 3, compared to 56 percent previous year and five year average of 36 percent. Corn silking was 17 percent complete by the end of the week, compared with 46 percent last year and the five year average of 37 percent. Corn condition was rated 1 percent very poor, 1 percent poor, 17 percent fair, 54 percent good, and 27 percent excellent. **Soybean** planting advanced to 95 percent complete, still behind last year and the five year average of 99 percent. Soybeans emerged was reported at 85 percent, trailing last year and the five year average of 95 percent. Seven percent of the soybeans were reported as blooming, behind last year's 32 percent and the five year average of 16 percent. The emerged soybean conditions were rated as 2 percent poor, 15 percent fair, 56 percent good, and 27 percent excellent.

TOBACCO: Tobacco set condition was 1 percent very poor, 3 percent poor, 23 percent fair, 57 percent good, and 16 percent excellent. Forty-four percent of tobacco plants in the field were under 12 inches in height, with 37 percent between 12-24 inches in

height, and 19 percent of the set tobacco was over 24 inches in height.

SMALL GRAINS: As of July 3, 85 percent of the wheat had been harvested, compared to 93 percent last year and 89 percent for the five year average. Wheat harvest continues with generally good yields reported.

OTHER CROPS AND PASTURE: Farmers had good weather to harvest hay this past week. **Pasture** conditions improved slightly with 1 percent report as very poor, 4 percent poor, 24 percent fair, 58 percent good, and 13 percent excellent.

CROP PROGRESS for week ending 07/03/11

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Tasseling	28	9	56	36
Corn Silking	17	2	46	37
Soybeans Planted	95	85	99	99
Soybeans Emerged	85	77	95	95
Soybeans Blooming	7	NA	32	16
Wheat Harvested	85	64	93	89

SOIL MOISTURE for week ending 07/03/11

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	0	8	78	14
Subsoil	0	5	83	12

CROP CONDITIONS for week ending 07/03/11

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	1	1	17	54	27
Soybeans	0	2	15	56	27
Pasture	1	4	24	58	13
Tobacco Set	1	3	23	57	16

KENTUCKY WEATHER SUMMARY, JUNE 27 – JULY 3, 2011:

Near Normal Temperature and Below Normal Rainfall:

This past week was dominated by high pressure, which brought dry conditions to most of the state. Most all rain that did fall came in the beginning of the week from a passing frontal system, which dumped the majority of rainfall in the western half of the state. Temperatures just like last week were right at seasonal normals. However; high temperatures did get warm enough to put livestock heat stress in the danger category during the afternoon hours several times this past week.

Temperatures for the period averaged 75 degrees across the state which was 0 degrees from normal and 2 degrees warmer than the previous period. High temperatures averaged from 88 in the West to 84 in the East. Departure from normal high temperatures ranged from 0 degrees from normal in the West to 2 degrees cooler than normal in the East. Low temperatures averaged from 67 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 1 degree warmer than normal in the West to 1 degree warmer than normal in the East. The extreme high temperature for the period was 102 degrees at Owensboro and the extreme low was 51 degrees at Paintsville.

Rainfall for the period totaled 0.46 inches statewide which was 0.53 inches below normal and 46% of normal. Rainfall totals by climate division, West 0.70 inches, Central 0.62 inches, Bluegrass 0.24 inches and East 0.28 inches, which was 0.28, 0.36, 0.73 and 0.75 inches below normal. By station, rainfall totals ranged from a low of 0.01 inches at Big Sandy to a high of 2.25 inches at Bowling Green.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 3, 7:00 P.M.

Weather Station	Rainfall			Dev. From		Air Temperature				Growing Degree Days			
	=====			=====		=====				=====			
	Since Last	April Four	Last Four	Norm Since	Norm Last	Dev.				Since	Dev.		
	Week	1	Wks.	Apr 1	4 Wks.	Hi	Lo	Avg.	Norm	Week	1	Apr 1	
=====													
	(Inches)					(Degrees F)							
Bardstown	0.05	30.07	6.23	+17.58	+2.70	91	59	75.8	+0	176	1637	+140	
Berea	0.08	19.42	4.29	+5.97	+0.57	91	53	72.9	-2	155	1526	-5	
Bowling Gree	2.25	25.46	7.57	+11.57	+3.64	93	60	76.9	+1	177	1802	+241	
Bristol	0.38	13.89	3.27	+2.73	-0.10	92	59	76.1	+2	175	1679	+276	
Buckhorn Lak	0.02	23.61	8.44	+11.13	+4.51	87	53	71.5	-3	148	1475	+135	
Cape Girarde	0.35	33.36	5.32	+19.93	+2.09	95	61	78.6	+1	184	1751	+123	
Campbellsvil	0.11	22.67	3.37	+8.06	-0.62	91	56	74.2	-1	165	1583	+82	
Covington	0.05	29.31	8.74	+17.03	+5.13	91	58	75.1	+1	171	1485	+139	
Cumberland G	0.28	20.41	5.96	+6.75	+1.90	90	56	74.3	-0	165	1625	+252	
Dix Dam	0.15	21.37	2.76	+8.26	-0.78	90	57	74.5	-0	167	1572	+75	
Evansville	0.25	26.36	6.17	+13.71	+2.87	93	59	77.4	+0	181	1696	+162	
Glasgow	0.38	20.50	3.93	+5.78	-0.42	91	59	75.2	-0	171	1686	+215	
Grayson	0.15	21.80	3.71	+9.60	+0.04	89	54	72.6	-2	154	1470	+191	
Hardinsburg	0.45	30.86	6.68	+17.43	+3.06	90	58	75.1	-0	170	1619	+58	
Henderson	0.98	26.00	5.71	+13.00	+2.16	92	58	75.9	-1	172	1696	+132	
Huntington	0.02	21.73	2.70	+9.69	-0.86	92	59	75.6	+1	176	1650	+274	
Jackson	0.05	22.38	5.49	+9.47	+1.80	88	58	73.4	-1	161	1594	+254	
Lexington	0.34	22.35	3.20	+9.86	-0.33	91	57	74.7	+0	168	1530	+154	
London	0.36	21.73	5.93	+9.47	+2.45	90	56	73.8	-1	161	1581	+208	
Louisville	0.17	28.92	7.14	+16.17	+3.82	91	64	78.7	+3	192	1815	+281	
Mayfield	0.70	26.25	5.74	+12.39	+2.50	92	61	77.5	+0	180	1777	+155	
Nashville	1.66	16.92	5.00	+3.72	+1.64	93	62	77.6	+2	182	1751	+93	
Nolin Lake	1.40	30.33	5.88	+15.91	+2.12	90	57	74.4	-1	166	1607	+173	
Paducah	0.45	31.63	6.79	+17.22	+3.01	94	61	78.3	+1	183	1796	+171	
Princeton	0.95	27.97	4.60	+13.94	+0.98	92	58	76.6	-1	178	1731	+137	
Quicksand	0.83	21.87	3.73	+8.96	+0.04	90	55	73.6	-1	161	1573	+233	
Somerset	0.24	20.44	4.14	+6.31	+0.13	90	56	73.6	-1	160	1535	+71	
Spindletop	0.37	21.74	2.66	+9.25	-0.87	90	58	74.7	+0	166	1515	+139	
Williamstown	0.26	25.79	5.84	+13.02	+2.26	88	58	73.6	-1	162	1467	+91	

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>